## AUTHOR INDEX TO VOLUME 33


Abdel-Aal, R. A., 77
Abdel-Alim, A. M., 77
Ahmed, S. H., 77
Åkesson, B., 257
Aly, A. A. M., 77
Awad, I. M. A., 77
Bear, J. L., 247
Beilstein, M. A., 31
Berners-Price, S. J., 285
Berthon, G., 193
Buccigross, J. M., 139
Calabrese, L., 277
Capo, C., 277
Castro, M. M. C. A., 47
Chitnis, M. P., 1
Decock, P., 153
Desideri, A., 91, 277
Dessí, A., 99
Dillard, C. J., 175
Dubois, B., 153
El-Ezaby, M. S., 161
Faucette, L. F., 285
Frankel, R. B., 183
Geraldes, C. F. G. C., 47
Gerega, K., 11
Ghosh, S., 57
Giovenella, A. J., 285
Gonias, S. L., 67
Guha, A. K., 57
Harris, W. R., 211
Hassan, M. M., 161
Holwerda, R. A., 131
Hu, M.-L., 175
Jain, N., 1
Jha, N. K., 121
Johnson, R. K., 285
Khokhar, A. R., 247
Kozlowski, H., 11, 153, 193
Kumar, A., 121
Kustin, K., 183
Lambs, L., 193
Lee, S., 183
Ljones, T., 227
Lumetta, G. J., 247
Madhuranath, P. H., 121
Maiti, A., 57
Marafie, H. M., 161
Martensson, B., 257
Martins, E. O., 237
Masiukiewicz, E., 11
Mason, J., 19
McDonald, J. W., 111
Micera, G., 99, 153
Mirabelli, C. K., 285
Mohan, M., 121
Morgan, T. V., 111
Mortenson, L. E., 111
Nelson, D. J., 139
Paci, M., 91, 277
Pettit, L. D., 11
Pizzo, S. V., 67
Pyburn, S., 11
Radomska, B., 153
D.-Le Reverend, B., 193
Robinson, W. E., 183
Roche, P. A., 67
Rotilio, G., 91, 277
Rzeszotarska, B., 11
Sadler, P. J., 285
Satyamoorthy, K., 1
Shuaib, N. A., 161
Skjeldal, L., 227
Spartalian, K., 183
Srivastava, T. S., 1
Stenback, J. Z., 211
Swaim, M. W., 67
Tappel, A. L., 175, 263
Venturini, M., 193
Viljoen, A. J., 263
Wang, Z. Y., 19
Watt, G. D., 111
Whanger, P. D., 31

Anions, differential binding of, to active site of Cu, Zn superoxide dismutase, 277
Anticancer activity, of silver(I) complexes, 285
Antimicrobial activity, of silver(I) complexes, 285
*Ascidia nigra*, 183
5-AZO(4′-substituted benzene-sulphamoyl)-8-hydroxy-quinolines, synthesis of, with antidotal and antibacterial activities, 77
Bicarbonate-dependence of Zinc(II)-transferrin binding, 211
Bicarbonate effects of $ZN^{2+}$-transferrin, 211
Binding anions to dismutase, 91
Ca and Mg complexes with 4-dedimethylamino, 205
CaM interactions with TFP and PDE, 139
Chronic aurothioglucose treatment on rats, effect of, on kidney catalase and cytochromes, 175
*Clostridium pasteurianum*, ferroxin from, 227
Co,Zn enzyme derivative, study of, 277
Cobalt derivative of ferredoxin, 227
Comparison of MoFe proteins of $Cp_1$ and $Av_1$, 111
Complexes of VO(IV), 99
Copper and gold, comparison with antimicrobial and anticancer activity of silver(I) complexes, 285
Copper(II), nickel(II), and cobalt(II), with D-galactosamine complexes, 153
Cu,Zn superoxide dismutase, active site of, 277
Cytotoxic silver complexes, 285
*D*-galactosamine complexes, 153
Diamine and diimine platinum(II) complexes of diethydithiocarbamate, synthesis, spectroscopic, and cytotoxicity studies of, 1
Dichlorodiammineplatinum(II), reactions of, with three purified plasma proteins, 67
Diethyldithiocarbamate, diamine and diimine platinum(II) complexes of, 1
Ferredoxin, cobalt derivative of, 227
Flow-through dialysis of zinc(II) from model and human sera, 237
Formation of Ca(II) and Mg(II) complexes with 4-dedimethykamino-tetracycline and 6-desoxy-6-demethyl-tetracycline, potentiometric and spectroscopic studies of, 193
Glutathione peroxidase activity and chemical forms of selenium in tissues of rats given selenite or selenomethionine, 31
Gold and kidney cytochromes, 175
$^1H$ and $^{31}P$ NMR studies of the binding of low-affinity anions to Cu,Zn superoxide dismutase, 91
Heparin, interacts with a selenoprotein in human plasma, 257
Human plasma, heparin reacts with a selenoprotein, in, 257
Hydroxamates IV, complexes of, 161
Interactions of spin-labeled calmodulin with trifluoperazine and phosphodiesterase in the presence of Ca(II), Cd(II), La(II), Tb(II), and Lu(II), 139
Isomeric platinum(II) complexes, 247
Kidney, rat, 263
LHRH, 11
Luteinizing hormone-releasing hormone (LHRH), metal complexes of, 11
Magnetic properties of tunicate blood cells, 183
Malic, succinic, and 2-mercaptosuccinic acids, oxovanadium(IV) complexes of, 99
Metal chelates of S-methyl-N-(1-isoquinolyl)-methylendithiocarbazate, synthesis, spectroscopic, and antitumor activity of, 121
Metal complexes of LHRH, 11
Metal ion-tetracycline interactions in biological fluids, 205
Metallothionein copper in liver, kidney, and intestine, effects on, by uptake and subsequent tissue distribution of [$^{35}S$]Trithiomolybdate in rats, 19
Model and human sera, flow-through dialysis of zinc(II), from, 237
Molybdate and tungstate, complexes of, with mononucleotides in aqueous solution studied by multinuclear magnetic resonance spectroscopy, 47
Multinuclear magnetic resonance spectroscopy, used to study complexes of molybdate and tungstate with mononucleotides in aqueous solution, 47
Nickel(II)-histidinehydroxamic acid-pyridoxal, 161
N-substituted iminodiacetato cis-, trans-R, R- and trans-S, S-1, 2-diaminocyclohexane platinum(II) complexes, synthesis and characterization of, 247
Oxovanadium(IV) ion, ligational behavior of two biologically active N-S donors toward, 57
Persulfide complex, formation of a, from reaction of [*rac*-5,7,7,12,14,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane] copper(II) with mercaptoacetate ion in alkaline methanolic solution, 131
Platinum(II) complexes of diethyldithiocarbamate, 1
Platinum-protein interactions, 67
Proteins, selenium-containing, of rat kidney, 263
Rat, kidney, selenium-containing proteins of, 263
Redox and EPR properties of the molybdenum iron

proteins of *Clostridium pasteurianum* and *Azotobacter vinelandii* nitrogenases, comparison of, 111
Selenium, chemical forms of, in tissues of rats, 31
Selenium, -containing proteins of rat kidney, 263
Selenoproteins, in human plasma, 257
S-methyl-N-(1-isoquinolyl)-methylendithiocarbazate, 121
Steric effects on diastereomeric ratios, 247
Superoxide dismutase, Cu,Zn, differential binding of anions to active site of, 277
Synthesis of some hydroxyquinolines, 77
[$^{35}$S]Trithiomolybdate in rats, studies of, effect on metallothionein copper in liver, kidney, intestine, 19
Uptake of [$^{35}$S]trithiomolybdate in rats, 19
VO(II) complexes of active N-S donor ligands, 57
Zinc(II), flow-through dialysis of, from model and human sera, 237